

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033822.D
 Acq On : 20 Jan 2023 12:48
 Operator : JC/MD
 Sample : 01242-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-148-150

Quant Time: Jan 21 04:43:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

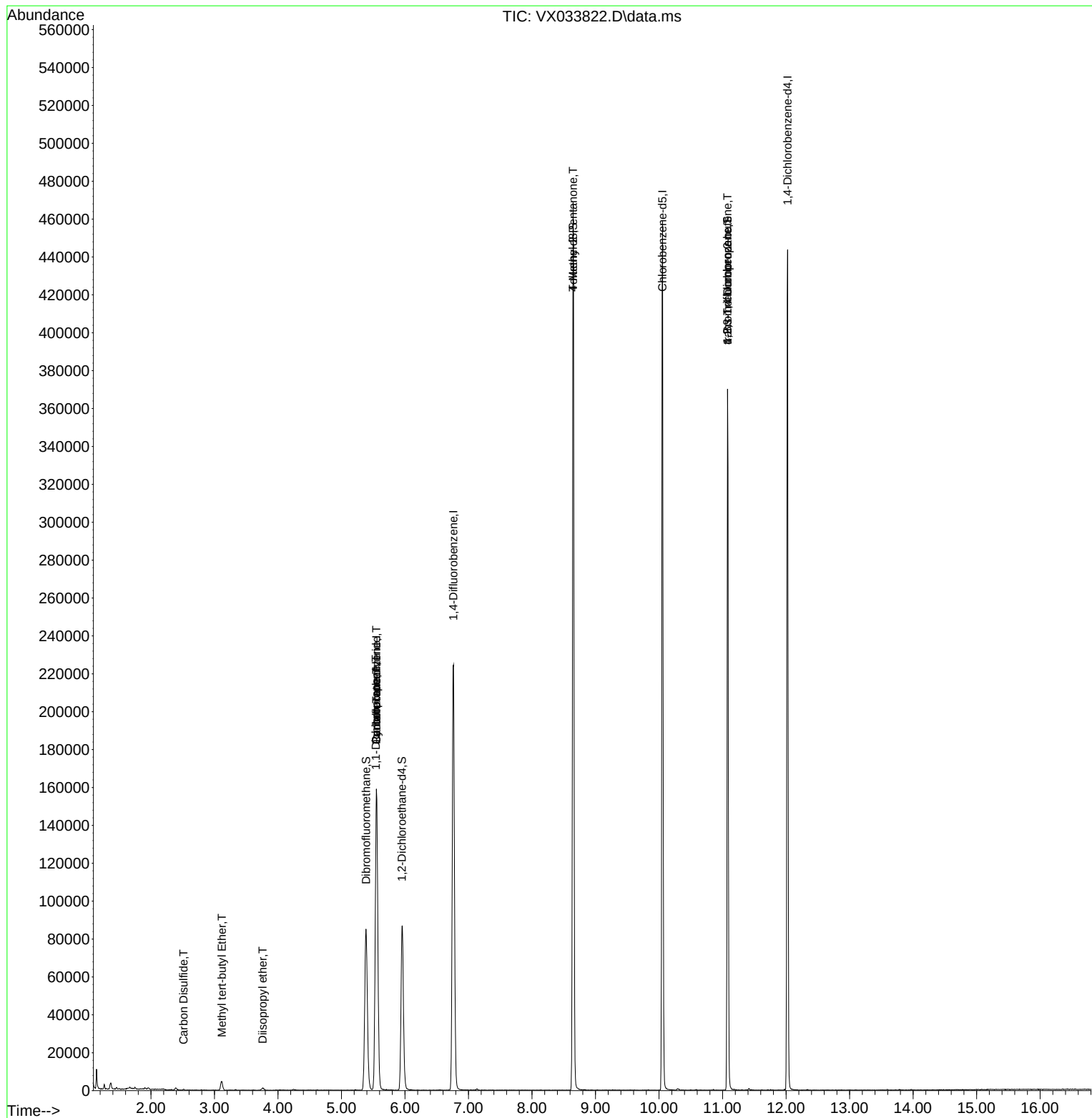
Internal Standards						
1) Pentafluorobenzene	5.550	168	171500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	249648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83455	46.217	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.440%
35) Dibromofluoromethane	5.385	113	74812	48.260	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	8.647	98	283531	50.199	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.400%
62) 4-Bromofluorobenzene	11.079	95	97470	46.480	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.960%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1731	Below Cal	#	88
17) Carbon Disulfide	2.514	76	575	1.979	ug/l #	83
19) Methyl tert-butyl Ether	3.117	73	4947	1.021	ug/l	100
20) Methylene Chloride	2.794	84	133	Below Cal	#	38
22) Diisopropyl ether	3.757	45	1379	0.260	ug/l #	75
31) Cyclohexane	5.550	56	2539	0.956	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10411	4.602	ug/l #	48
37) Ethyl Acetate	4.629	43	65	Below Cal	#	68
38) Carbon Tetrachloride	5.550	117	14598	6.230	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1088	0.496	ug/l #	1
64) Tetrachloroethene	9.269	164	47	Below Cal	#	1
73) Isopropylbenzene	10.957	105	46	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	44903	23.244	ug/l #	34
79) 2-Chlorotoluene	11.366	91	113	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	44903	72.239	ug/l #	8
82) 4-Chlorotoluene	11.457	91	142	Below Cal	#	43

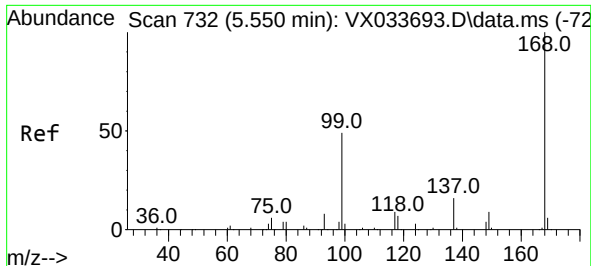
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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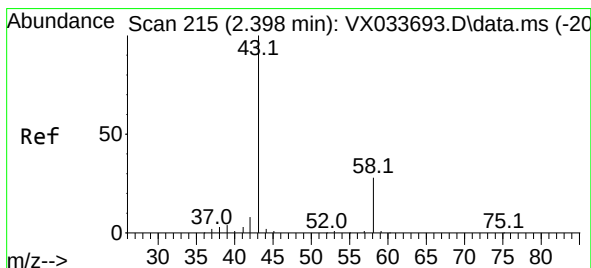
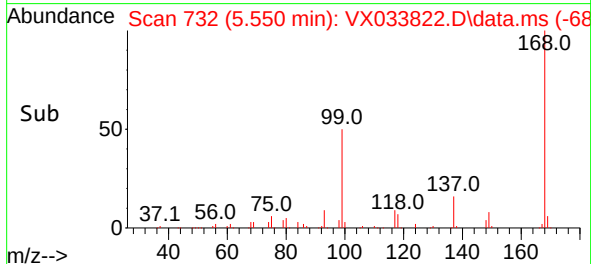
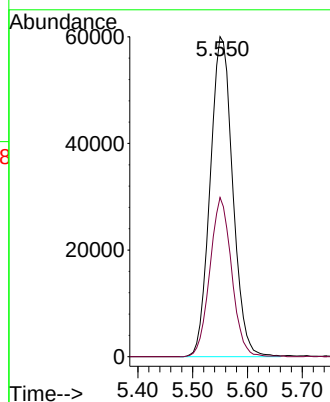
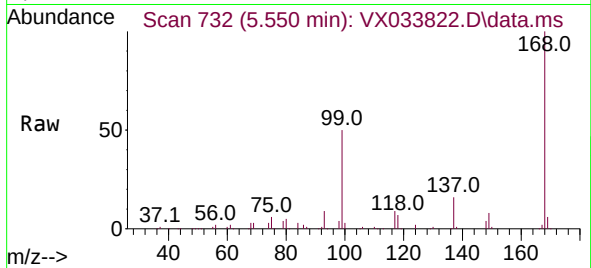




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

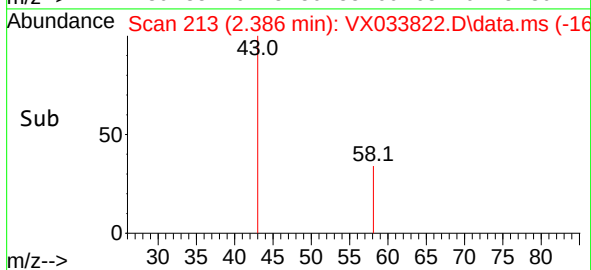
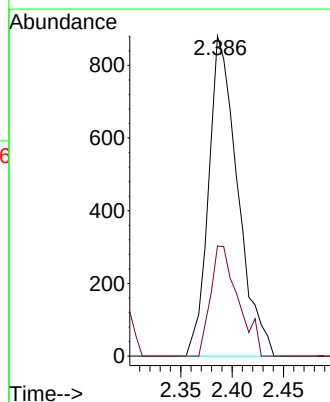
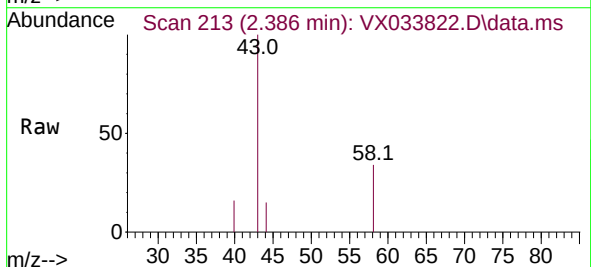
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-148-150

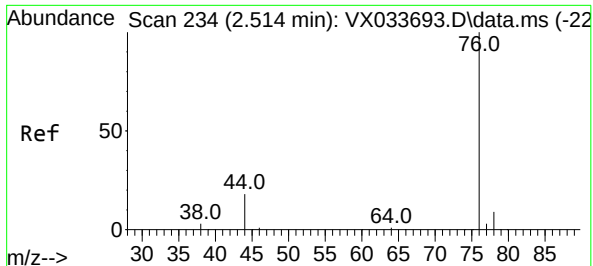
Tgt Ion:168 Resp: 171500
Ion Ratio Lower Upper
168 100
99 49.7 39.6 59.4



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

Tgt Ion: 43 Resp: 1731
Ion Ratio Lower Upper
43 100
58 34.4 22.6 33.8#





#17

Carbon Disulfide

Concen: 1.979 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033822.D

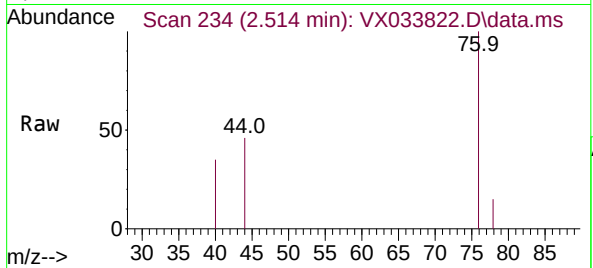
Acq: 20 Jan 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-GW-148-150

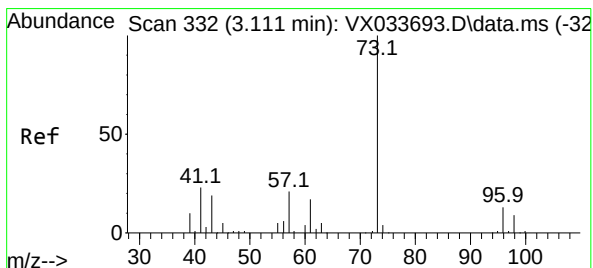
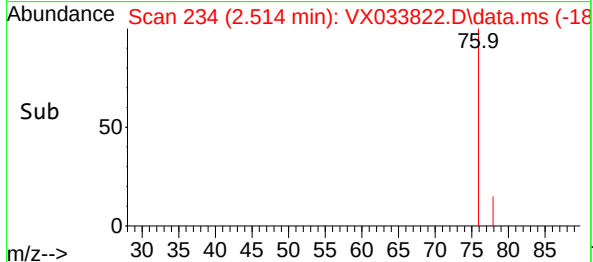
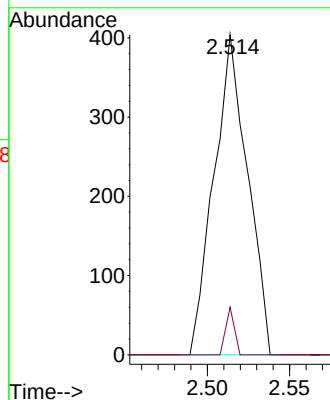


Tgt Ion: 76 Resp: 575

Ion Ratio Lower Upper

76 100

78 14.9 7.0 10.6#



#19

Methyl tert-butyl Ether

Concen: 1.021 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX033822.D

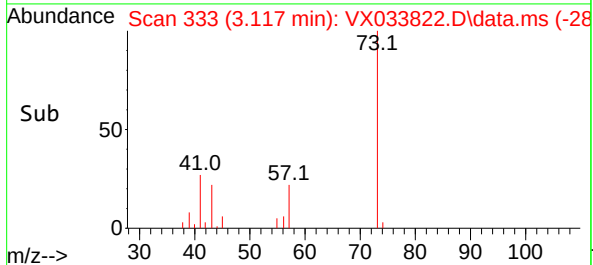
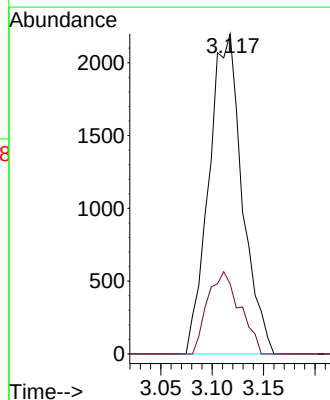
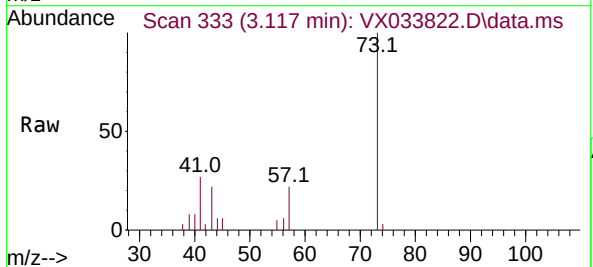
Acq: 20 Jan 2023 12:48

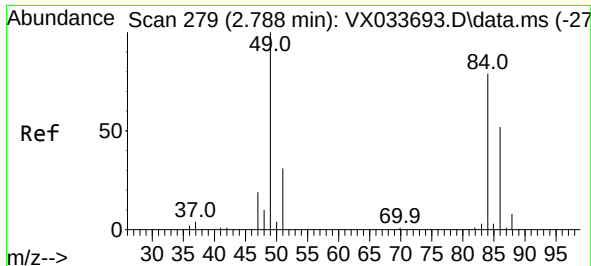
Tgt Ion: 73 Resp: 4947

Ion Ratio Lower Upper

73 100

57 21.9 17.4 26.0

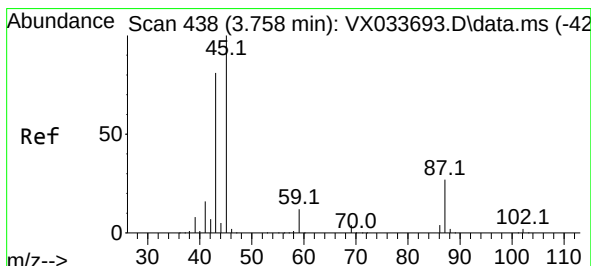
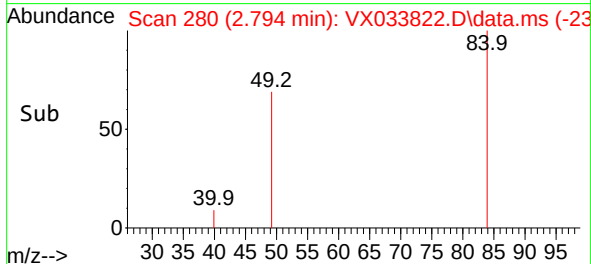
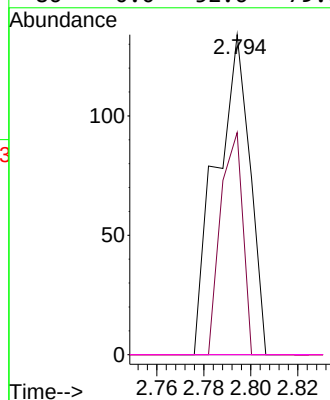
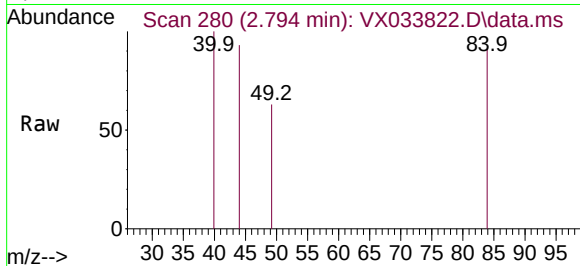




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

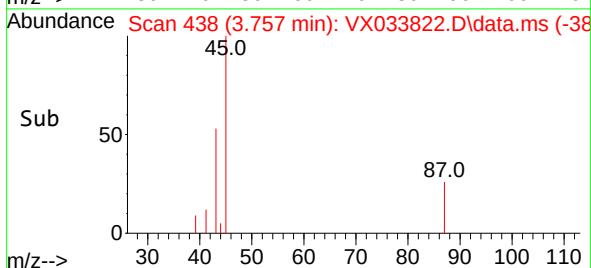
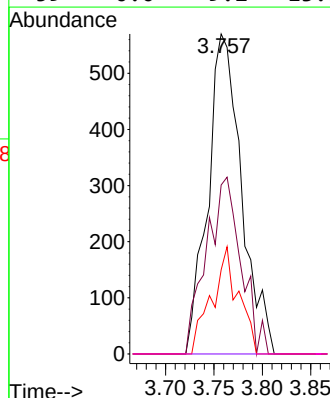
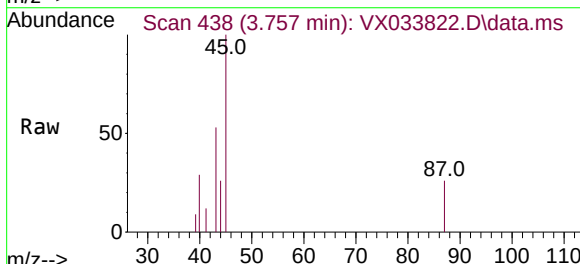
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-148-150

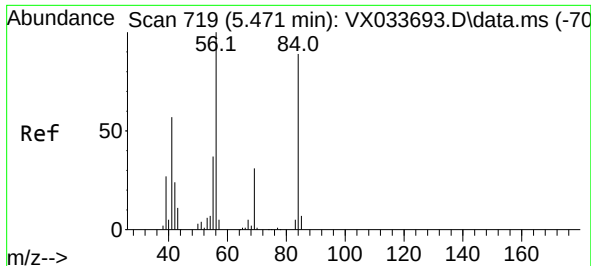
Tgt Ion:	84	Resp:	133
Ion	Ratio	Lower	Upper
84	100		
49	69.4	101.1	151.7#
51	0.0	31.0	46.6#
86	0.0	52.6	79.0#



#22
Diisopropyl ether
Concen: 0.260 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

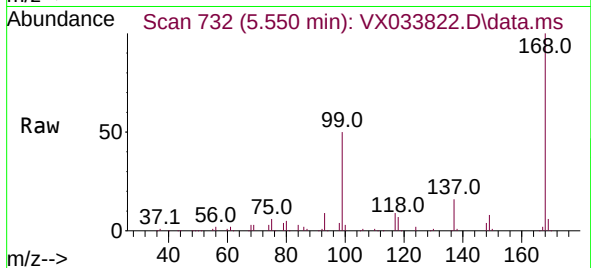
Tgt Ion:	45	Resp:	1379
Ion	Ratio	Lower	Upper
45	100		
43	52.8	64.6	97.0#
87	26.3	21.9	32.9
59	0.0	9.2	13.8#



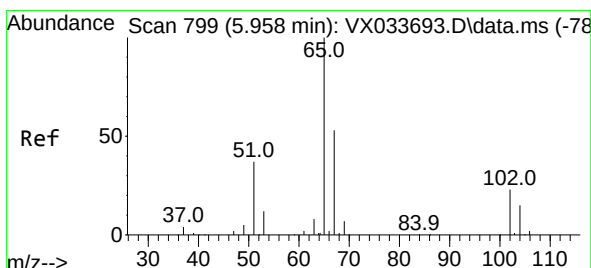
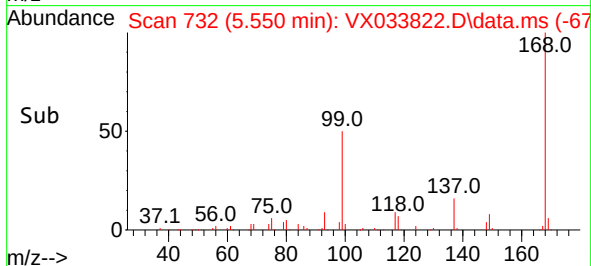
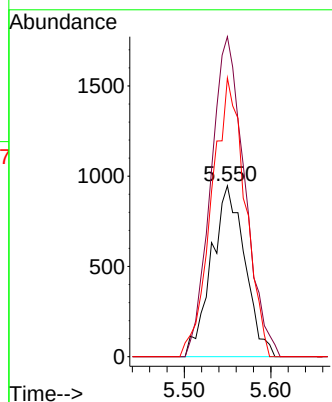


#31
Cyclohexane
Concen: 0.956 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-148-150

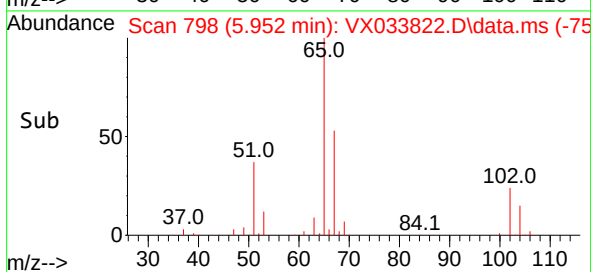
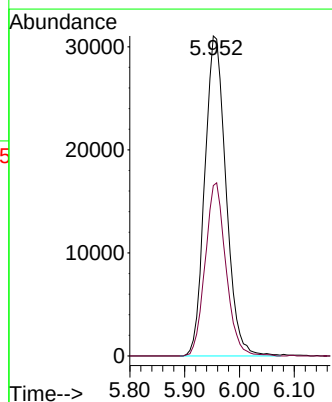
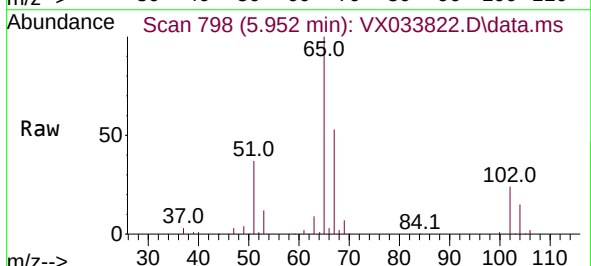


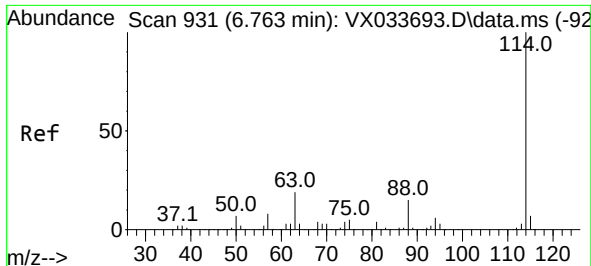
Tgt Ion: 56 Resp: 2539
Ion Ratio Lower Upper
56 100
69 187.2 24.6 37.0#
84 163.0 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 46.217 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

Tgt Ion: 65 Resp: 83455
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8

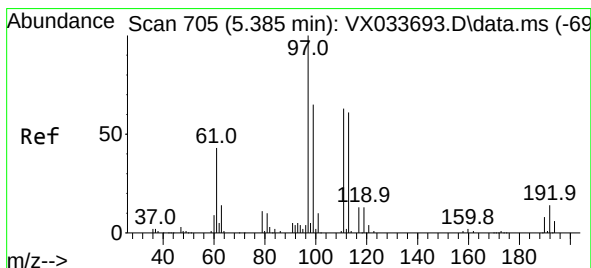
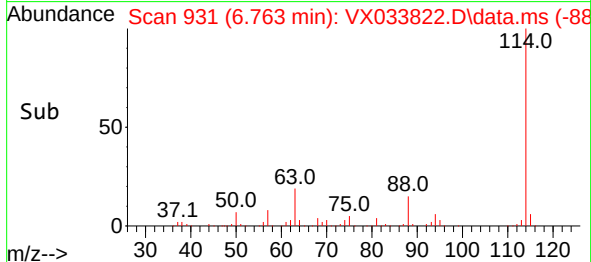
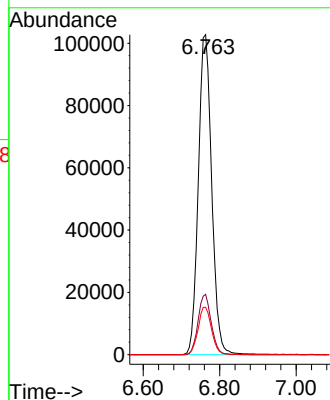
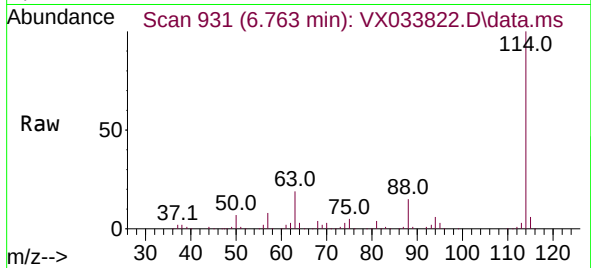




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

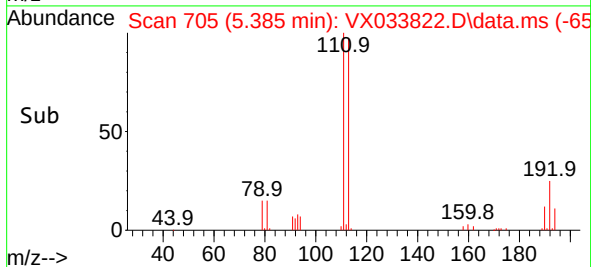
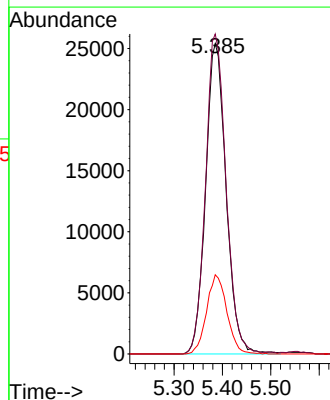
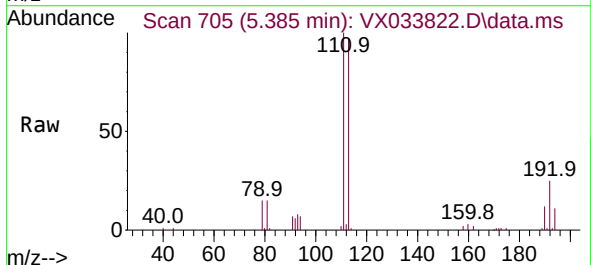
Instrument :
MSVOA_X
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BP-VPB-RW10-GW-148-150

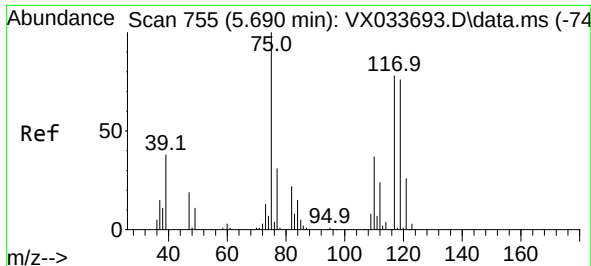
Tgt Ion:114 Resp: 249648
Ion Ratio Lower Upper
114 100
63 18.9 0.0 37.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.260 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

Tgt Ion:113 Resp: 74812
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.6
192 25.2 19.0 28.4

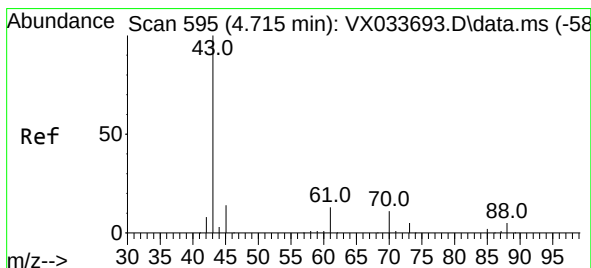
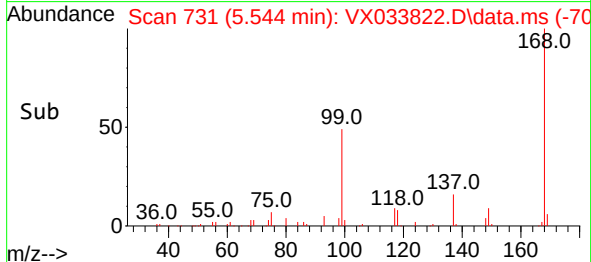
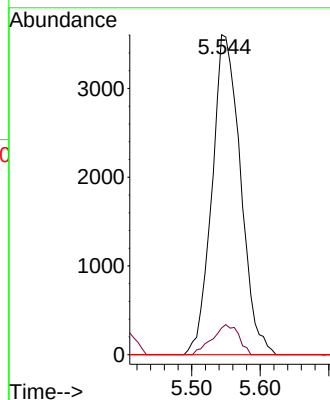
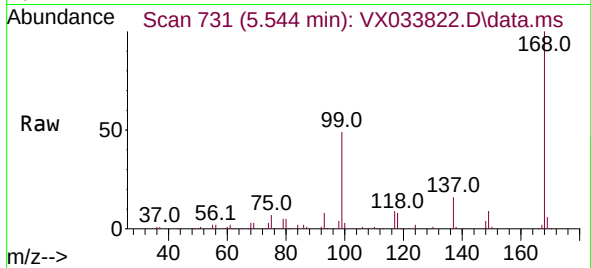




#36
1,1-Dichloropropene
Concen: 4.602 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

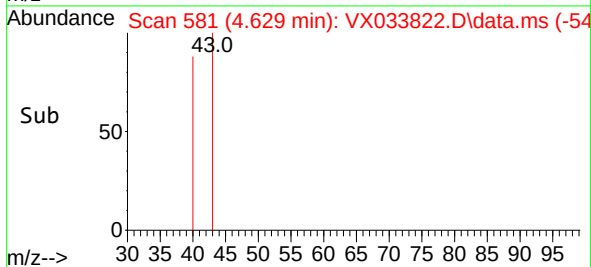
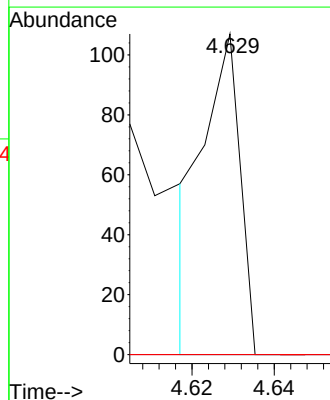
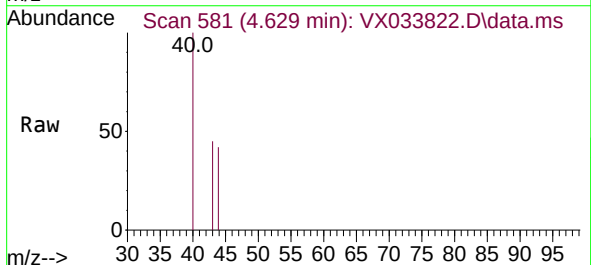
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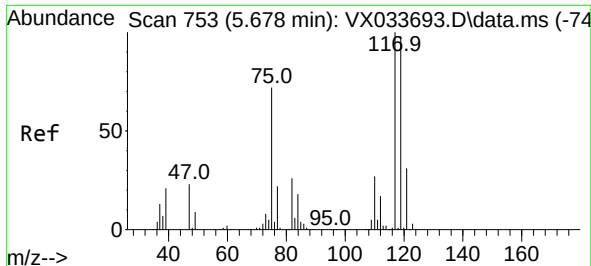
Tgt Ion: 75 Resp: 10411
Ion Ratio Lower Upper
75 100
110 8.7 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.629 min Scan# 581
Delta R.T. -0.086 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

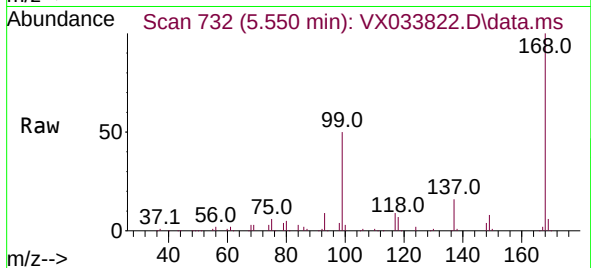
Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#



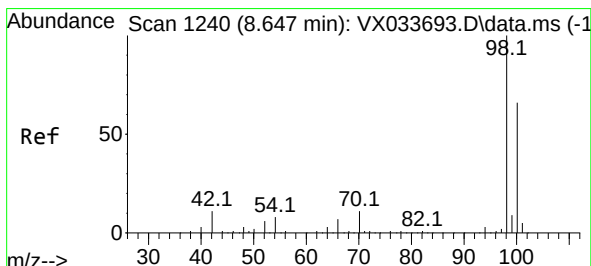
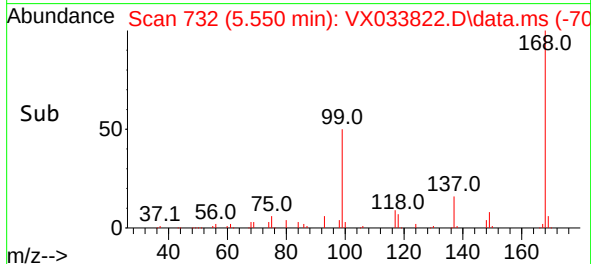
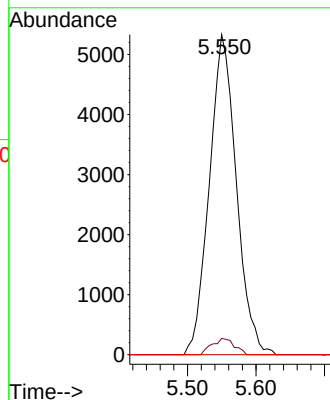


#38
Carbon Tetrachloride
Concen: 6.230 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-148-150

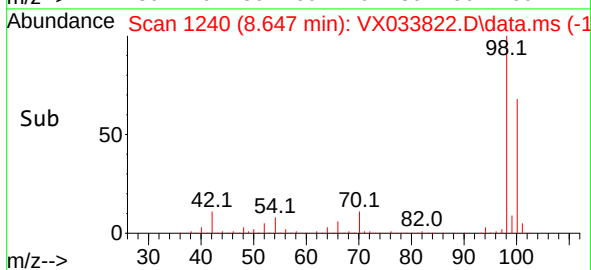
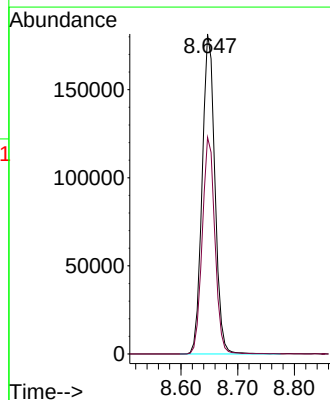
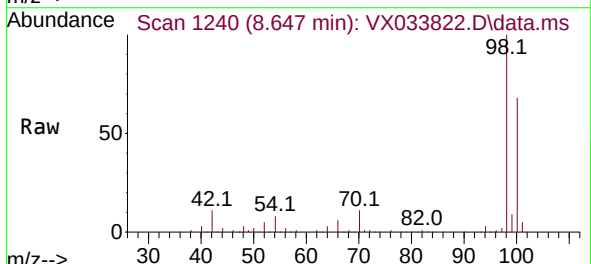


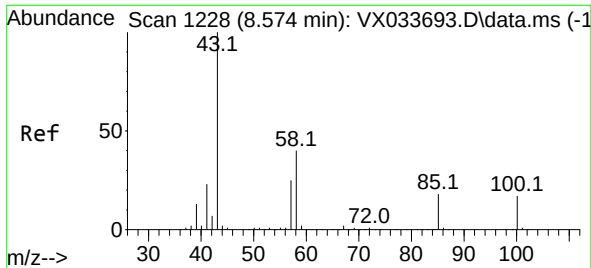
Tgt Ion:117 Resp: 14598
Ion Ratio Lower Upper
117 100
119 5.1 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.199 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

Tgt Ion: 98 Resp: 283531
Ion Ratio Lower Upper
98 100
100 67.2 53.6 80.4

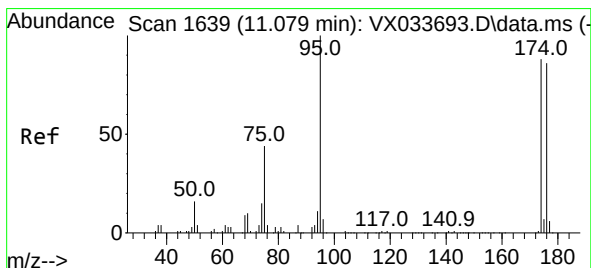
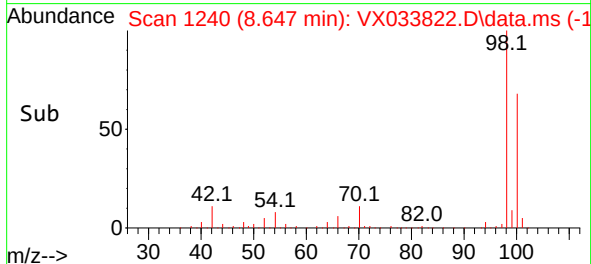
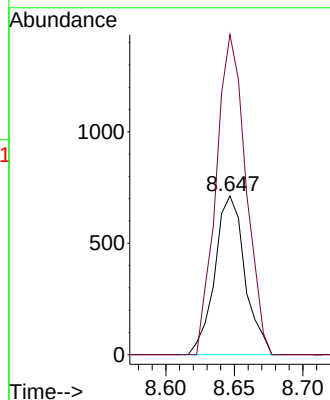
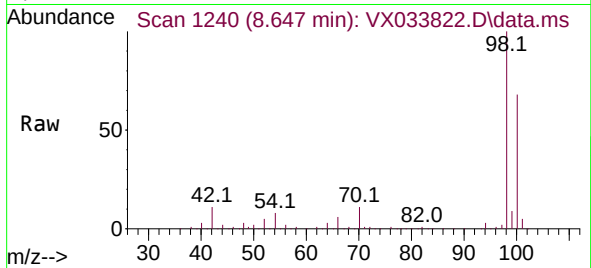




#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

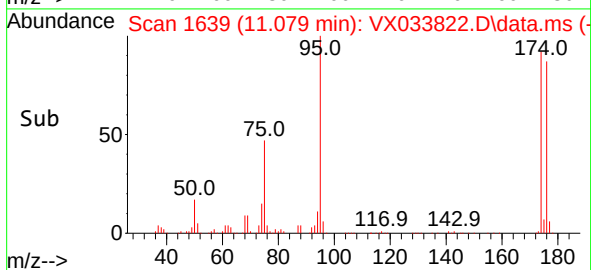
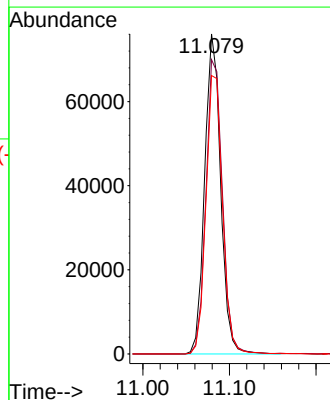
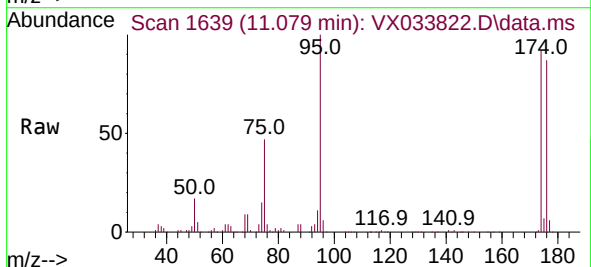
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-148-150

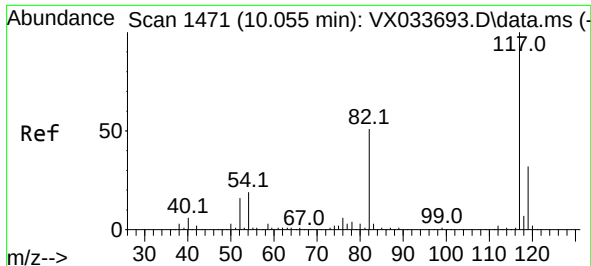
Tgt Ion: 43 Resp: 1088
Ion Ratio Lower Upper
43 100
58 199.6 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 46.480 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

Tgt Ion: 95 Resp: 97470
Ion Ratio Lower Upper
95 100
174 95.0 0.0 184.4
176 90.6 0.0 178.8

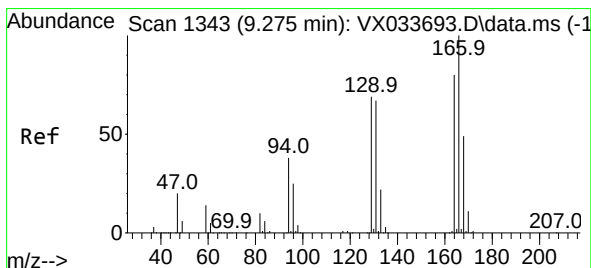
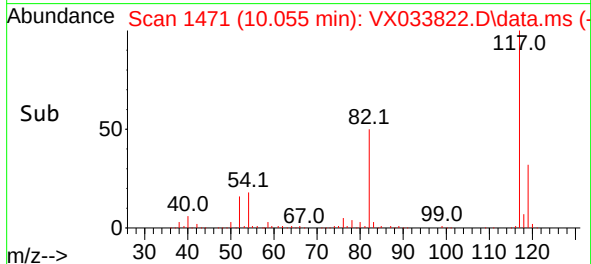
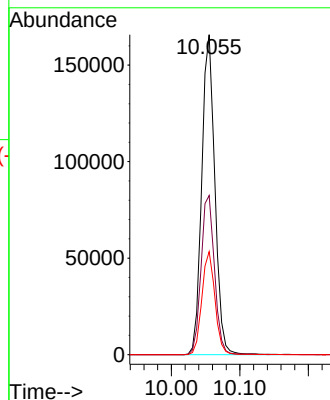
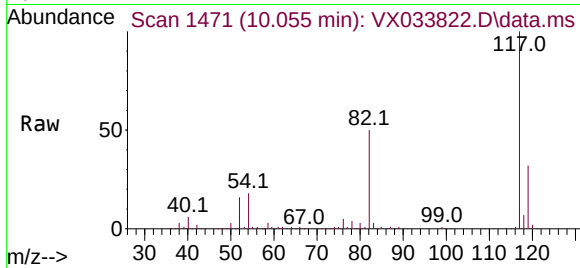




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

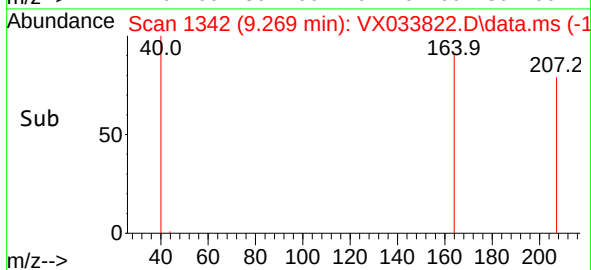
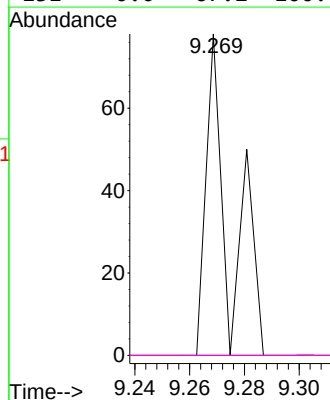
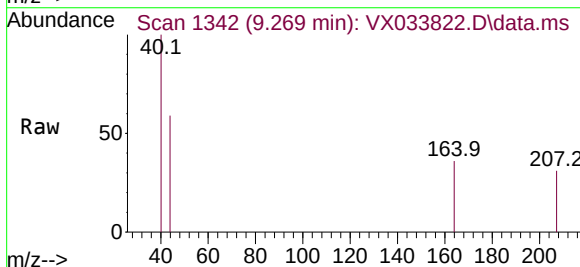
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-148-150

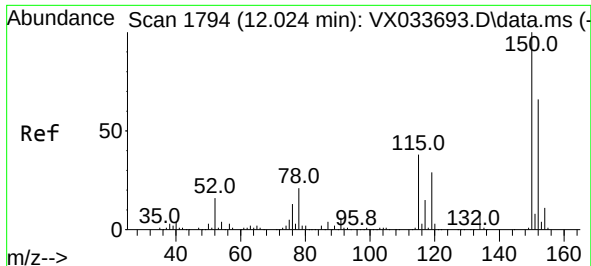
Tgt Ion:117 Resp: 221492
Ion Ratio Lower Upper
117 100
82 49.8 40.6 60.8
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: Below Cal
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

Tgt Ion:164 Resp: 47
Ion Ratio Lower Upper
164 100
166 0.0 100.2 150.2#
129 0.0 69.2 103.8#
131 0.0 67.2 100.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033822.D

Acq: 20 Jan 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-GW-148-150

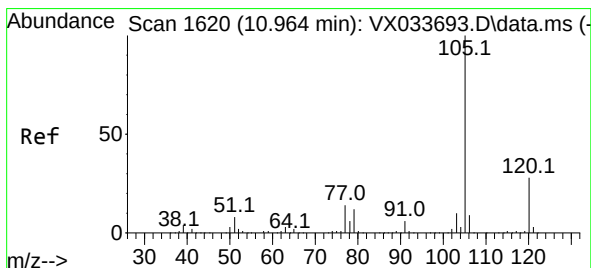
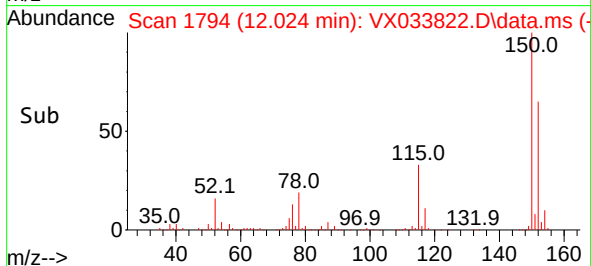
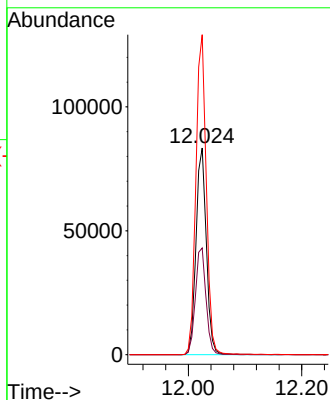
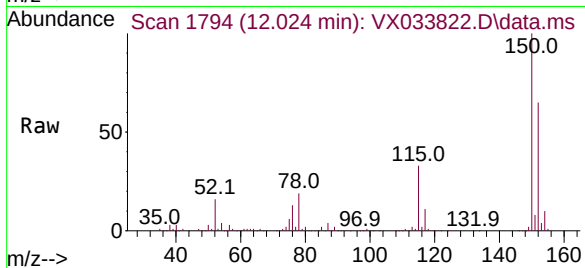
Tgt Ion:152 Resp: 105142

Ion Ratio Lower Upper

152 100

115 53.3 38.7 116.1

150 155.9 0.0 348.2



#73

Isopropylbenzene

Concen: Below Cal

RT: 10.957 min Scan# 1619

Delta R.T. -0.007 min

Lab File: VX033822.D

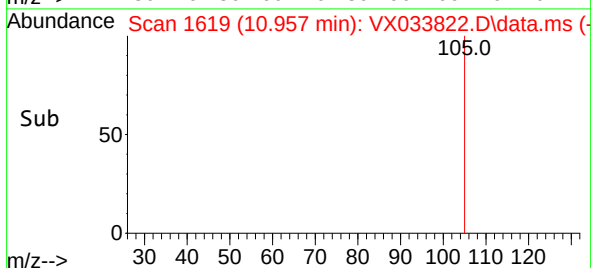
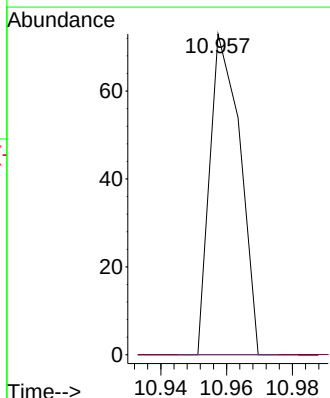
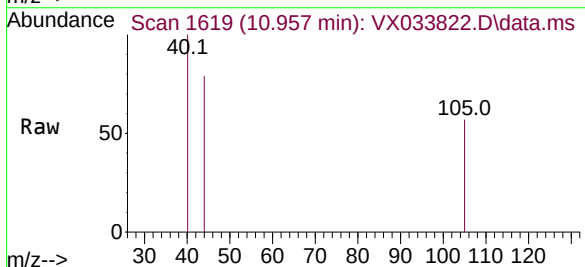
Acq: 20 Jan 2023 12:48

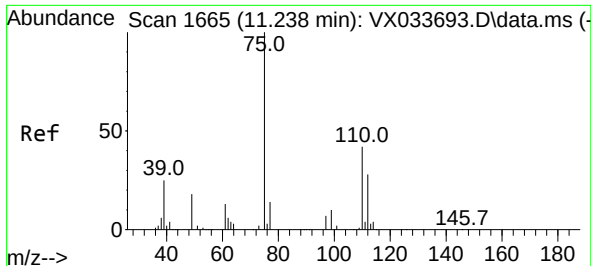
Tgt Ion:105 Resp: 46

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#

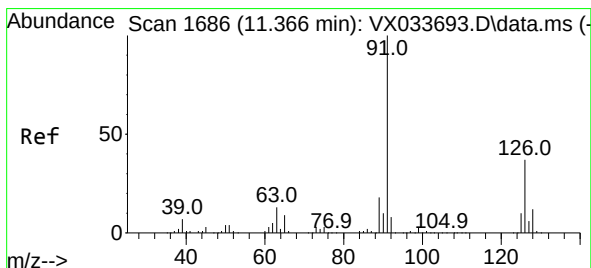
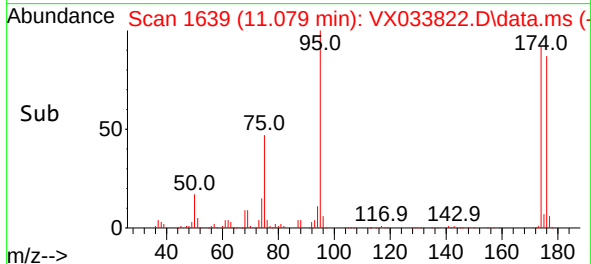
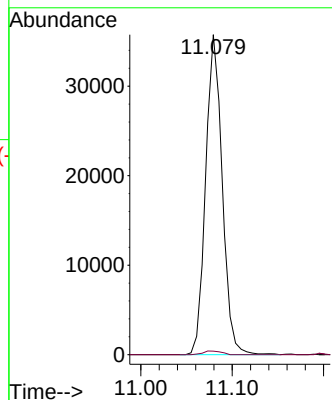
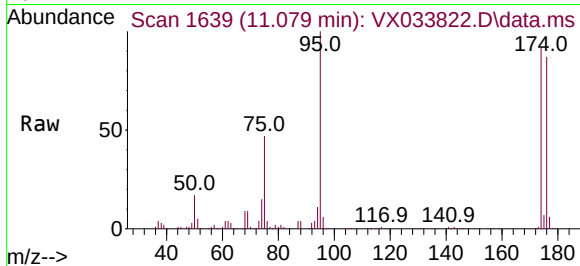




#76
1,2,3-Trichloropropane
Concen: 23.244 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

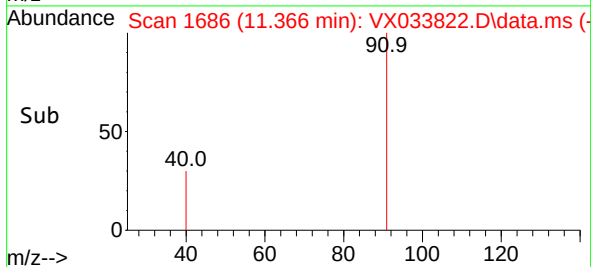
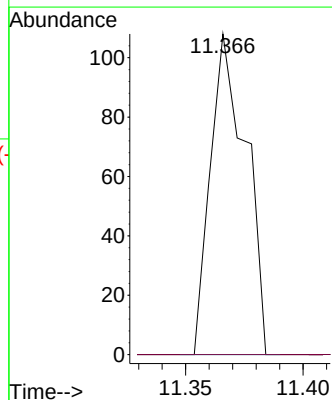
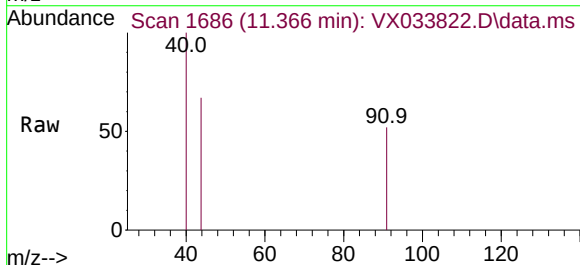
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-148-150

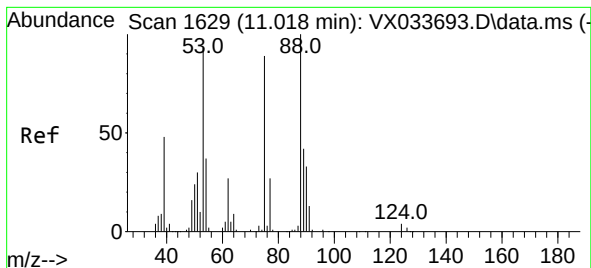
Tgt Ion: 75 Resp: 44903
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.4#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

Tgt Ion: 91 Resp: 113
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#

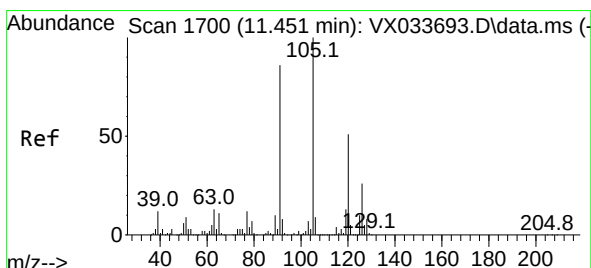
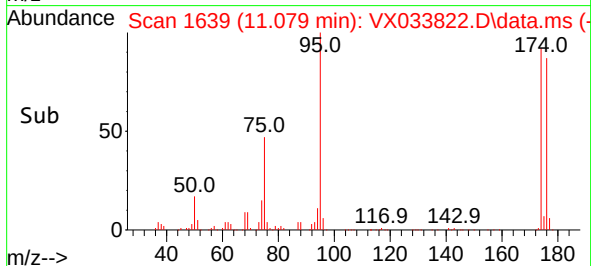
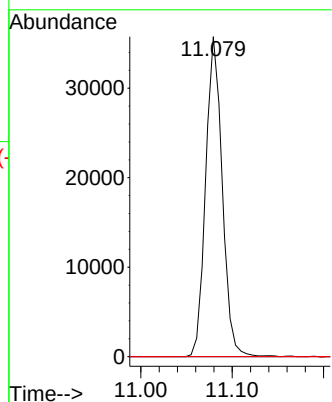
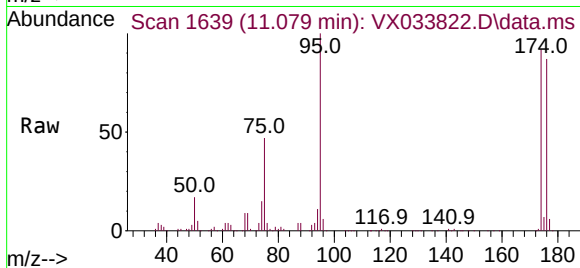




#81
trans-1,4-Dichloro-2-butene
Concen: 72.239 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-148-150

Tgt Ion: 75 Resp: 44903
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033822.D
Acq: 20 Jan 2023 12:48

Tgt Ion: 91 Resp: 142
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

